

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/014761

## A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl<sup>7</sup> A61K38/16, 38/36, 38/01, A61P19/08, 19/10, A23L1/305,  
A23K1/16

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl<sup>7</sup> A61K38/16, 38/36, 38/01, A61P19/08, 19/10, A23L1/305,  
A23K1/16

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
MEDLINE (STN), BIOSIS (STN), CAPLUS (STN), EMBASE (STN)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 03-099022 A (Teijin Ltd.), 24 April, 1991 (24.04.91), Full text; particularly, Claims; page 2, lower left column, lines 1 to 4; examples (Family: none)	1, 2, 5
X	JP 05-132426 A (Takeda Chemical Industries, Ltd.), 28 May, 1993 (28.05.93), Full text; particularly, Claims; Par. No. [0006] & EP 499242 A1 & CA 2061211 A & DE 69211723 A	1-3, 5, 6

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered  
to be of particular relevance  
"E" earlier application or patent but published on or after the international  
filing date  
"L" document which may throw doubts on priority claim(s) or which is  
cited to establish the publication date of another citation or other  
special reason (as specified)  
"O" document referring to an oral disclosure, use, exhibition or other means  
"P" document published prior to the international filing date but later than the  
priority date claimed

"T" later document published after the international filing date or priority  
date and not in conflict with the application but cited to understand  
the principle or theory underlying the invention  
"X" document of particular relevance; the claimed invention cannot be  
considered novel or cannot be considered to involve an inventive  
step when the document is taken alone  
"Y" document of particular relevance; the claimed invention cannot be  
considered to involve an inventive step when the document is  
combined with one or more other such documents, such combination  
being obvious to a person skilled in the art  
"&" document member of the same patent family

Date of the actual completion of the international search  
04 January, 2005 (04.01.05)

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25 January, 2005 (25.01.05)

Name and mailing address of the ISA/  
Japanese Patent Office

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2002/05836 A2 (THE BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEMS), 24 January, 2002 (24.01.02), Full text; particularly, Claims & JP 2004-503596 A & EP 1301196 A2 & US 2002/128101 A1 & CA 2416487 A	1-3, 5, 6
X	JP 10-505592 A (Novo Nordisk A/S), 02 June, 1998 (02.06.98), Full text; particularly, Claims; page 5, lines 9 to 14; page 6, lines 5 to 9; Fig. 6 & WO 96/06532 A1 & EP 778733 A1 & DE 69519675 A	1, 2, 4, 5, 7